

Set	Items	Description
S1	694482	MUSIC? OR AUDIO? OR VIDEO? OR MULTIMEDIA? OR MULTI()MEDIA? OR DIGITAL()CONTENT?
S2	7056	SONG? OR MIDI? OR WAV OR REALVIDEO? OR REALPLAYER? OR REAL- ( )PLAYER?
S3	1546078	GRAPHIC? OR IMAGE? OR MPEG? OR JPEG? OR (MOTION? OR MOVING- ) ( )PICTUR? OR MOVIE?
S4	43985	DVD? ? OR DIGITAL? ( ) (VIDEO OR VERSATIL?) ( ) (DISC? OR DISK?)
S5	1638929	DISTRIBUTION? OR DOWNLOAD? OR UPLOAD? OR TRANSFER? OR FILE- SHAR? OR FILESWAP?
S6	2517416	MULTICAST? OR BROADCAST? OR SEND? OR SENT? OR TRANSMIT? OR TRANSMISSION?
S7	2099768	DISTRIBUT? OR FORWARD? OR DISSEMINAT? OR RELAY? OR CONVEY? OR DELIVER?
S8	1543259	DISPATCH? OR BROADCAST? OR SHIP? ? OR SHIPP??? OR TRANSPOR- T? OR ROUTE? OR ROUTING?
S9	1151554	DOWN()LOAD? OR UP()LOAD? OR INSTALL? OR (DOWN OR UP) ( )LINK? OR DOWNLINK? OR UPLINK?
S10	772218	S1:S4 AND S5:S9
S11	175409	EDIT? OR DATAEDIT? OR CHANGE? OR CHANGING OR AMEND? OR MOD- IF? OR CONVERT?
S12	86220	CONVERSION? OR ALTER? OR ADAPT? OR REVIS? OR RECONFIGUR? OR REFORMAT?
S13	13676	REPROGRAM? OR UPDAT? OR CUSTOMIZ? OR PERSONALIZ? OR INDIVI- DUALIZ?
S14	2342	CUSTOMIS? OR REARRANG? OR PERSONALIS? OR (CUSTOM OR TAILOR- ) ( ) (MAKE? OR MADE? OR MAKING)
S15	6685	REORDER? OR RESHUFFL? OR RESET? OR READDRESS?
S16	236804	DEFINIT? OR LONE OR SPECIFIC? OR UNIQUE? OR EACH OR PARTIC- ULAR?
S17	217299	SET OR PREDETERMIN? OR FIXED OR PRESET? OR CERTAIN? OR CON- CRET? OR DISTINCT?
S18	18269	DEFINED? OR DEFINABLE? OR AUTONOM?
S19	259698	ONE OR SINGL? OR SINGULAR? OR SOLITAR? OR SUIGENER? OR SUI- ( )GENER? OR "ONLY"
S20	283205	INDIVIDUAL? OR LONE? OR PRECIS? OR EXCLUSIV? OR INDEPENDEN?
S21	218846	PARTITION? OR PART? ? OR PARTIAL? OR SEGMENT? OR DIVISION? OR TRACK?
S22	136326	DEMARCAT? OR SECTION? OR SECTOR? OR PORTION? OR APPORTION? OR ZONE?
S23	53744	PARCEL? OR PIECE? OR CHUNK? OR FRACTION? OR SLICE? OR REGI- ON?
S24	145778	LICENS? OR PLAY? OR READ? OR REPLAY? OR (USAGE? OR USE? ?)- (2N) (ABILIT? OR CAPABILIT?) OR SUBSCRI?
S25	46224	RIGHT? OR OWN OR OWNER? OR OWNS OR OWNING OR LICENC? OR PE- RMIT? OR PERMISS? OR GRANT?
S26	27321	FEE? ? OR (IP OR INTELLECTUAL()PROPERT?) ( )RIGHT? OR (CONTR- ACT? OR LEGAL?) (2N) (RELATIONSHIP? OR DUTY? OR OBLIGATION?)
S27	168	INTELLECTUAL()PROPERT? OR CYBEROWN?
S28	806	(PROPRIETAR? OR EXCLUSIV? OR LEGAL? OR DEDICAT?) (3W) (RIGHT? OR DOMINION? OR AUTHORIT? OR CLAIM? OR USE OR CONTROL? OR CO- PYRIGHT?)
S29	76798	CONDITION? OR CONTINGENC? OR RESTRICTION? OR RULE? OR PROT- OCOL? OR PROCEDUR?
S30	52771	GUIDELINE? OR GUIDE()LINE? OR CHARACTERISTIC? OR TRAIT?
S31	30425	STANDARD? ? OR LAW OR LAWS OR CRITERIA? OR CRITERION?
S32	62555	POLICY? OR POLICIES OR PREFEREN? OR PROPERT? OR PARAMET? OR PRIVILEGE? OR REGULATION? OR PRINCIPLE?
S33	67479	INDICAT? OR TAG? ? OR TAGG??? OR FLAG? OR MARK??? OR MARKE-

R?

S34 12115 BRAND? OR LABEL? OR IDENTIFIER?

S35 153716 GUI? ? OR (GRAPHIC? OR VISUAL?) (2W) (INTERFACE? OR APP? ? OR  
APPLICAT?) OR DISPLAY? OR MENU? ? OR WEBPAGE?

S36 2740 COMPUTER?() (SCREEN? OR WINDOW?) OR COMPUTER?(2N) (IMPLEMENT?  
OR TOOL? ? OR UTILIT?)

S37 317 USERINTERFAC? OR (DROP OR PULL) ()DOWN? OR (WINDOW OR DESKT-  
OP) ()MANAGER? OR PULLDOWN?

S38 9622 UI OR UIS OR (GRAPHIC? OR VISUAL? OR INFORMATION? OR DATA?-  
) (2N) (MENU? OR PAGE? OR SCREEN?)

S39 135914 MANAGER? OR OPERATOR? OR CONTROLLER? OR OVERSEER? OR CONTR-  
OLLING? OR MANAGING?

S40 31 LICENSOR? OR GRANTOR?

S41 310694 IC=(G06F? OR H04N?)

S42 209265 MC=(T01? OR W01? OR W02?)

S43 3563 S10 AND S1:S4(10N)S5:S9 AND S11:S15(5N)S16:S20(5N)S21:S23

S44 10783 S10 AND S1:S4(10N)S5:S9 AND S11:S15(7N)S21:S23(5N)S1:S4

S45 1964 S43 AND S44

S46 56 S45 AND S24:S28(5N)S29:S34

S47 331 S45 AND S35:S38(7N)S11:S15

S48 51 S47 AND S39:S40(5N) (S35:S38 OR S11:S15)

S49 281 S47 AND S41:S42

S50 73 S49 AND S35:S38 AND S39:S40

S51 136 S46 OR S48 OR S50

S52 37 S51 AND AC=US/PR

S53 25 S52 AND AY=(1970:2000)/PR

S54 21 S52 NOT AY=(2001:2006)/PR

S55 99 S51 NOT S52

S56 56 S55 AND PY=1970:2000

S57 45 S55 NOT PY=2001:2006

S58 90 S45 AND S1:S4(5N)S5:S9 AND S35:S38 AND S11:S15(5N)S16:S20(-  
5N)S21:S23(5N)S1:S4 AND S24:S28 AND S29:S34

S59 37 S58 AND AC=US/PR

S60 29 S59 AND AY=(1970:2000)/PR

S61 19 S59 NOT AY=(2001:2006)/PR

S62 53 S58 NOT S59

S63 30 S62 AND PY=1970:2000

S64 18 S62 NOT PY=2001:2006

S65 121 S53:S54 OR S56:S57 OR S60:S61 OR S63:S64

S66 121 IDPAT (sorted in duplicate/non-duplicate order)

File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)

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File 350:Derwent WPIX 1963-2006/UD=200648

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66/5/55 (Item 55 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0007681266

WPI ACC NO: 1996-302789/

XRPX Acc No: N1996-254810

**Video program edit control method for viewer - dividing received video program material into segments, with each segment given selected rating level and tagged to indicate rating for that segment so viewer can determine rating level they consider acceptable**

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)

Inventor: OTTESEN H H; OTTESEN H Y; SMITH G J

**Patent Family** (10 patents, 5 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
EP 720369	A2	19960703	EP 1995480176	A	19951206	199631 B
CA 2155888	A	19960701	CA 2155888	A	19950811	199643 E
JP 8242440	A	19960917	JP 1995330898	A	19951219	199647 E
EP 720369	A3	19970409	EP 1995480176	A	19951206	199728 E
US 5778135	A	19980707	US 1994366555	A	19941230	199834 E
EP 720369	B1	20000705	EP 1995480176	A	19951206	200035 E
DE 69517787	E	20000810	DE 69517787	A	19951206	200045 E
			EP 1995480176	A	19951206	
KR 219351	B1	19990901	KR 199560500	A	19951228	200104 E
CA 2155888	C	20020702	CA 2155888	A	19950811	200253 E
JP 3527580	B2	20040517	JP 1995330898	A	19951219	200433 E

Priority Applications (no., kind, date): US 1994366555 A 19941230

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 720369	A2	EN	13	5		
Regional Designated States,Original: DE FR GB						
CA 2155888	A	EN				
JP 8242440	A	JA	14			
EP 720369	A3	EN				
EP 720369	B1	EN				
Regional Designated States,Original: DE FR GB						
DE 69517787	E	DE			Application	EP 1995480176
					Based on OPI patent	EP 720369
CA 2155888	C	EN				
JP 3527580	B2	JA	14		Previously issued patent	JP 08242440

#### Alerting Abstract EP A2

The edit control method involves dividing the received video program material into a number of segments. Each segment is examined, given a selected rating level, and tagged to indicate a rating for that segment. Each segment is a frame of compressed data.

Based on the rating, it is determined whether each segment is to be presented to the viewer. During the rating it is determined if the segment contains objectionable material, if it does than it is discarded.

USE/ADVANTAGE - E.g. non-commercial broadcasts, video on demand, pay per view, film rentals etc. Provides real time edit control for video program material allowing viewer to determine whether certain types of material are objectionable, such as nudity, violence, language, and similar.

**Title Terms** /Index Terms/Additional Words: VIDEO; PROGRAM; EDIT; CONTROL; METHOD; VIEW; DIVIDE; RECEIVE; MATERIAL; SEGMENT; SELECT; RATING; LEVEL;

TAG; INDICATE; SO; CAN; DETERMINE; ACCEPT

**Class Codes**

International Classification (Main): H04N-005/93, H04N-007/16, H04N-007/173

(Additional/Secondary): H04N-007/08, H04N-007/081

US Classification, Issued: 386052000, 386095000

File Segment: EPI;

DWPI Class: W02; W03; W04

Manual Codes (EPI/S-X): W02-F05A3C; W02-F05C; W03-A16C; W04-H05

Set	Items	Description
S1	951563	S MUSIC? OR AUDIO? OR VIDEO? OR MULTIMEDIA? OR MULTI()MEDIA? OR DIGITAL()CONTENT?
S2	47076	S SONG? OR MIDI? OR WAV OR REALVIDEO? OR REALPLAYER? OR REAL()PLAYER?
S3	2814116	S GRAPHIC? OR IMAGE? OR MPEG? OR JPEG? OR (MOTION? OR MOVING) () PICTUR? OR MOVIE?
S4	17881	S DVD? ? OR DIGITAL?() (VIDEO OR VERSATIL?) () (DISC? OR DISK?)
S5	6125844	S DISTRIBUTION? OR DOWNLOAD? OR UPLOAD? OR TRANSFER? OR FILESHAR? OR FILESWAP?
S6	2644827	S MULTICAST? OR BROADCAST? OR SEND? OR SENT? OR TRANSMIT? OR TRANSMISSION?
S7	5876605	S DISTRIBUT? OR FORWARD? OR DISSEMINAT? OR RELAY? OR CONVEY? OR DELIVER?
S8	3316459	S DISPATCH? OR BROADCAST? OR SHIP? ? OR SHIPP??? OR TRANSPORT? OR ROUTE? OR ROUTING?
S9	617354	S DOWN()LOAD? OR UP()LOAD? OR INSTALL? OR (DOWN OR UP) ()LINK? OR DOWNLINK? OR UPLINK?
S10	786107	S S1:S4 AND S5:S9
S11	140507	S EDIT? OR DATAEDIT? OR CHANGE? OR CHANGING OR AMEND? OR MODIF? OR CONVERT?
S12	86784	S CONVERSION? OR ALTER? OR ADAPT? OR REVIS? OR RECONFIGUR? OR REFORMAT?
S13	12297	S REPROGRAM? OR UPDAT? OR CUSTOMIZ? OR PERSONALIZ? OR INDIVIDUALIZ?
S14	1944	S CUSTOMIS? OR REARRANG? OR PERSONALIS? OR (CUSTOM OR TAILOR) () (MAKE? OR MADE? OR MAKING)
S15	927	S REORDER? OR RESHUFFL? OR RESET? OR READDRESS?
S16	196580	S DEFINIT? OR LONE OR SPECIFIC? OR UNIQUE? OR EACH OR PARTICULAR?
S17	95843	S SET OR PREDETERMIN? OR FIXED OR PRESET? OR CERTAIN? OR CONCRET? OR DISTINCT?
S18	29698	S DEFINED? OR DEFINABLE? OR AUTONOM?
S19	223829	S ONE OR SINGL? OR SINGULAR? OR SOLITAR? OR SUIGENER? OR SUI()GENER? OR "ONLY"
S20	78945	S INDIVIDUAL? OR LONE? OR PRECIS? OR EXCLUSIV? OR INDEPENDEN?
S21	128960	S PARTITION? OR PART? ? OR PARTIAL? OR SEGMENT? OR DIVISION? OR TRACK?
S22	58682	S DEMARCAT? OR SECTION? OR SECTOR? OR PORTION? OR APPORTION? OR ZONE?
S23	94246	S PARCEL? OR PIECE? OR CHUNK? OR FRACTION? OR SLICE? OR REGION?
S24	55240	S LICENS? OR PLAY? OR READ? OR REPLAY? OR (USAGE? OR USE? ?) (2N) (ABILIT? OR CAPABILIT?) OR SUBSCRI?
S25	65070	S RIGHT? OR OWN OR OWNER? OR OWNS OR OWNING OR LICENC? OR PERMIT? OR PERMISS? OR GRANT?
S26	7155	S FEE? ? OR (IP OR INTELLECTUAL()PROPERT?) ()RIGHT? OR (CONTRACT? OR LEGAL?) (2N) (RELATIONSHIP? OR DUTY? OR OBLIGATION?)
S27	1548	S INTELLECTUAL()PROPERT? OR CYBEROWN?
S28	448	S (PROPRIETAR? OR EXCLUSIV? OR LEGAL? OR DEDICAT?) (3W) (RIGHT? OR DOMINION? OR AUTHORIT? OR CLAIM? OR USE OR CONTROL? OR COPYRIGHT?)
S29	137980	S CONDITION? OR CONTINGENC? OR RESTRICTION? OR RULE? OR PROTOCOL? OR PROCEDUR?
S30	98971	S GUIDELINE? OR GUIDE()LINE? OR CHARACTERISTIC? OR TRAIT?
S31	80704	S STANDARD? ? OR LAW OR LAWS OR CRITERIA? OR CRITERION?
S32	164462	S POLICY? OR POLICIES OR PREFEREN? OR PROPERT? OR PARAMET? OR PRIVILEG? OR REGULATION? OR PRINCIPLE?
S33	89570	S INDICAT? OR TAG? ? OR TAGG??? OR FLAG? OR MARK??? OR MARKER?
S34	56785	S BRAND? OR LABEL? OR IDENTIFIER? OR DISPLAY?
S35	58348	S GUI? ? OR (GRAPHIC? OR VISUAL?) (2W) (INTERFACE? OR APP? ? OR APPLICAT?) OR DISPLAY? OR MENU? ? OR WEBPAGE?
S36	2410	S COMPUTER?() (SCREEN? OR WINDOW?) OR COMPUTER? (2N) (IMPLEMENT? OR TOOL? ? OR UTILIT?)
S37	206	S USERINTERFAC? OR (DROP OR PULL) ()DOWN? OR (WINDOW OR DESKTOP) ()MANAGER? OR PULLDOWN?
S38	2137	S UI OR UIS OR (GRAPHIC? OR VISUAL? OR INFORMATION? OR DATA?) (2N) (MENU? OR PAGE? OR SCREEN?)
S39	31146	S MANAGER? OR OPERATOR? OR CONTROLLER? OR OVERSEER? OR CONTROLLING? OR MANAGING?
S40	8	S LICENSOR? OR GRANTOR?

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S41      2594    S S10 AND S11:S15(7N)S21:S23(7N)S1:S4 AND S1:S4(7N)S5:S9
S42      669    S S41 AND S16:S20(7N)S21:S23
S43       46    S S41 AND S24:S28(7N)S29:S34
S44       4     S S42 AND S39:S40(7N)(S11:S15 OR S35:S38)
S45      355    S S42 AND S1:S4(5N)S5:S9 AND S11:S15(5N)S21:S23(5N)S1:S4 AND
S16:S20(5N)S21:S23
S46       31    S S45 AND S24:S28
S47      252    S S45 AND S29:S34
S48       23    S S46 AND S47
S49       18    S S45 AND S35:S38
S50       11    S S45 AND S39:S40
S51      100    S S43:S44 OR S46 OR S48:S50
S52       47    S S51 AND PY=1970:2000
S53       47    S S51 NOT PY=2001:2006
S54       47    S S52:S53
S55       38    RD (unique items)
; show files

```

[File 2] **INSPEC** 1898-2006/Jul W4

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[File 6] **NTIS** 1964-2006/Jul W4

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55/3,K/1 (Item 1 from file: 2) Links

INSPEC

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07557567 **INSPEC Abstract Number:** C2000-05-6115-022

**Title:** Authoring tools for network-based training

**Author** McDaid, E.; Row, G.; O'Brien, W.; Hashim, A.; McCool, M.

**Author Affiliation:** Sch. of Comput., Inf. Syst. & Math., South Bank Polytech., London, UK

**Conference Title:** Virtual Campus. Trends for Higher Education and Training. IFIP TC3/WG3.3 & WG3.6 Joint Working Conference on the Virtual Campus: Trends for Higher Education and Training p. 280-95

**Editor(s):** Verdejo, F.; Davies, G.

**Publisher:** Chapman & Hall, London, UK

**Publication Date:** 1998 **Country of Publication:** UK vi+303 pp.

**ISBN:** 0 412 83550 9 **Material Identity Number:** XX-1998-00969

**Conference Title:** Proceedings of the Virtual Campus: Trends for Higher Education and Training

**Conference Sponsor:** IFIP

**Conference Date:** 27-29 Nov. 1997 **Conference Location:** Madrid, Spain

**Language:** English

**Subfile:** C

Copyright 2000, IEE

**Abstract:** ...the TALENT toolkit: a software architecture and set of software tools designed for producing and **delivering multimedia** training material over computer networks. The toolkit addresses many current problems relating to **multimedia** development and **delivery** including **conversion** of existing materials, reusability, internationalisation, **customisation**, **intellectual property right tracking**, support for multiple developers and abstraction neutrality. Organisational and commercial requirements are also addressed. The... ...relating to the design and implementation of the toolkit are discussed. A simple model of **multimedia** systems is presented and the main components of the toolkit are described. The toolkit would appear to represent a significant advance in our ability to develop and deploy **multimedia** training over networks.

**Descriptors:** ...**multimedia** systems

**Identifiers:** ...**multimedia** training material... ...**multimedia** development... ...**intellectual property right tracking**...  
...**multimedia** systems... ...**multimedia** training... ...**interactive multimedia**

1998